GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:3683
ANSWERED ON:18.08.2005
IMPROVEMENT IN REFINING PROCESS BY IOC
Nayak Shri Ananta

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether the Indian Oil Corporation has taken any steps to bring improvement in the refining process;

(b) if so, the technologies adopted by IOC in the refining sector; and

(c) the amount of investment proposed to be made by IOC in the new technology?

Answer

MINISTER OF PETROLEUM & NATURAL GAS AND PANCHAYATI RAJ (SHRI MANI SHANKAR AIYAR)

(a) Yes, Sir.

(b) The details of technology adopted by Indian Oil Corporation (IOC) in the refining sector is given below:-

1 Fluidised Catalytic Cracking 11 Soaker Visbreaking
2 Hydrocraking 12 Delayed Coking
3 Diesel Hydrotreatment 13 Catalytic Reforming

4. Resid Fluidised Catalytic Cracking 14 Isomerisation
5 Catalytic Iso-Dewaxing 15 INDMAX
6 Wax Hydrofinishing 16 Hexane Hydrogenation
7 Solvent Dewaxing/Deoiling 17 N-Methyle 2- Pyrolidone(NMP) Extraction
8 Hydrogen Generation 18 Residum Oil Supercritical Extraction - Propane Deasphalting
9 Sulphur Recovery 19 Fluidised Catalytic Cracking (FCC) Gasoline desulphurisation
10 ISOSIV

(c) The anticipated cost towards Royalty/License fees and Basic Engineering fees for acquiring new technologies proposed to be employed by IOC in the refining sector is Rs.155 crore (approximately).